

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented) A method of making the execution of a computer program secure, the method comprising:

a processor performing:

- a step of stacking a predetermined value in an instruction stack of the program; said predetermined value being an address of an anomaly processing function,

- during the normal execution of the program, a step of removing said predetermined value from the instruction stack, without executing the anomaly processing function; and

- a step of unstacking said stack wherein if said predetermined value is unstacked, the anomaly processing function is executed.

2. (previously presented) The method according to claim 1, wherein said stacking and unstacking steps are respectively associated with elements of at least one subset of instructions of said program.

3. (previously presented) The method according to claim 2, wherein said elements are respectively an opening bracket and a closing bracket in a system of brackets.

4. (previously presented) The method according to claim 2, wherein said unstacking step is associated with a return instruction of said program or a subroutine of said program.

5. (previously presented) The method according to claim 1, wherein said program is written in a programming language including at least one of a first instruction whose execution implements said stacking step and a second instruction whose execution implements said unstacking step.

6. (previously presented) The method according to claim 5, wherein the second instruction terminates said program or a subroutine of said program.

7-8. (canceled)

9. (previously presented) The method according to claim 1, wherein said program includes at least one call to a subroutine, wherein said stacking step is effected before said call and said predetermined value is eliminated from said stack during execution of said subroutine.

10. (canceled)

11. (previously presented) The method according to claim 1, wherein said programming includes at least one call to a subroutine, wherein said stacking step is effected during execution of said subroutine and said predetermined value is eliminated from said stack after execution of said subroutine.

12. (canceled)

13. (currently amended) A computer readable information recording medium with a computer program recorded thereon, said information recording medium totally or partially removable, in particular a CD-ROM, or a magnetic medium, ~~such as comprising~~ a hard disk or diskette, wherein it includes instructions of the computer program for implementing a method according to claim 1 when the computer program is loaded into and executed by an electronic data processing system.

14. (previously presented) A computer readable information recording medium with a computer program recorded thereon, said computer program including instructions for executing a method according to claim 1 when that program is loaded into and executed by an electronic data processing system.

15. (previously presented) An electronic entity that has been made secure wherein it includes means for implementing a method according to claim 1.

16. (previously presented) The electronic entity according to claim 15 wherein it is a smart card.

17. (currently amended) The electronic entity according to claim 16, wherein the anomaly processing function ~~is adapted to destroy~~ destroys an operating system of said smart card.

18. (previously presented) The method according to claim 1, wherein the anomaly processing function destroys an operating system of a smart card.